

**EFFICIENT TRANSPORT OF PROGRAM CLOCK REFERENCE FOR  
AUDIO SERVICES DELIVERED ON AN MPEG-2 TRANSPORT STREAM**

**ABSTRACT OF THE DISCLOSURE**

A system and corresponding methods efficiently transport Program Clock Reference (PCR) for audio services delivered on an MPEG-2 Transport Stream (TS) to an audio subsystem. The system processes an original Transport Stream (TS) to remove video packets other than those carrying the Program Clock Reference (PCR) and delivers the packets carrying the Program Clock Reference (PCR) along with audio to a receiving device. The total bandwidth needed to deliver the audio plus the necessary system clock and presentation timing information is therefore reduced.